

Title (en)  
SUPRACONDUCTIVE CABLE AND METHOD FOR THE PRODUCTION THEREOF

Title (de)  
SUPRALEITENDES KABEL UND VERFAHREN ZUR HERSTELLUNG DESSELBEN

Title (fr)  
CABLE SUPRACONDUCTEUR ET SON PROCEDE DE PRODUCTION

Publication  
**EP 1738376 B1 20101027 (DE)**

Application  
**EP 05739762 A 20050425**

Priority  
• EP 2005004420 W 20050422  
• EP 04009730 A 20040423  
• EP 05739762 A 20050425

Abstract (en)  
[origin: EP1589542A1] The hollow cable (1) outer insulated sheath (2) is cylindrical with an inner surface (3) against which multiple superconducting wires (5) are arranged to form a central cooling duct (4). The wires may be keystone shaped to lock together or otherwise profiled.

IPC 8 full level  
**H01B 12/12** (2006.01); **H01B 12/10** (2006.01); **H10N 60/01** (2023.01)

CPC (source: EP NO US)  
**H01B 12/10** (2013.01 - EP NO US); **H01B 12/12** (2013.01 - EP NO US); **Y02E 40/60** (2013.01 - EP US); **Y10T 29/49014** (2015.01 - EP US)

Cited by  
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Designated extension state (EPC)  
YU

DOCDB simple family (publication)  
**EP 1589542 A1 20051026**; AT E486352 T1 20101115; CA 2563501 A1 20051103; CA 2563501 C 20130625; CN 1947207 A 20070411; CN 1947207 B 20120905; DE 502005010442 D1 20101209; DK 1738376 T3 20110214; EP 1738376 A1 20070103; EP 1738376 B1 20101027; EP 1738376 B8 20110511; ES 2356611 T3 20110411; HK 1102062 A1 20071102; JP 2008506221 A 20080228; JP 4874235 B2 20120215; NO 20065373 L 20070122; NO 337384 B1 20160404; RU 2006141296 A 20080610; RU 2363999 C2 20090810; US 2007227760 A1 20071004; US 7985925 B2 20110726; WO 2005104143 A1 20051103

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